

FIG. 1

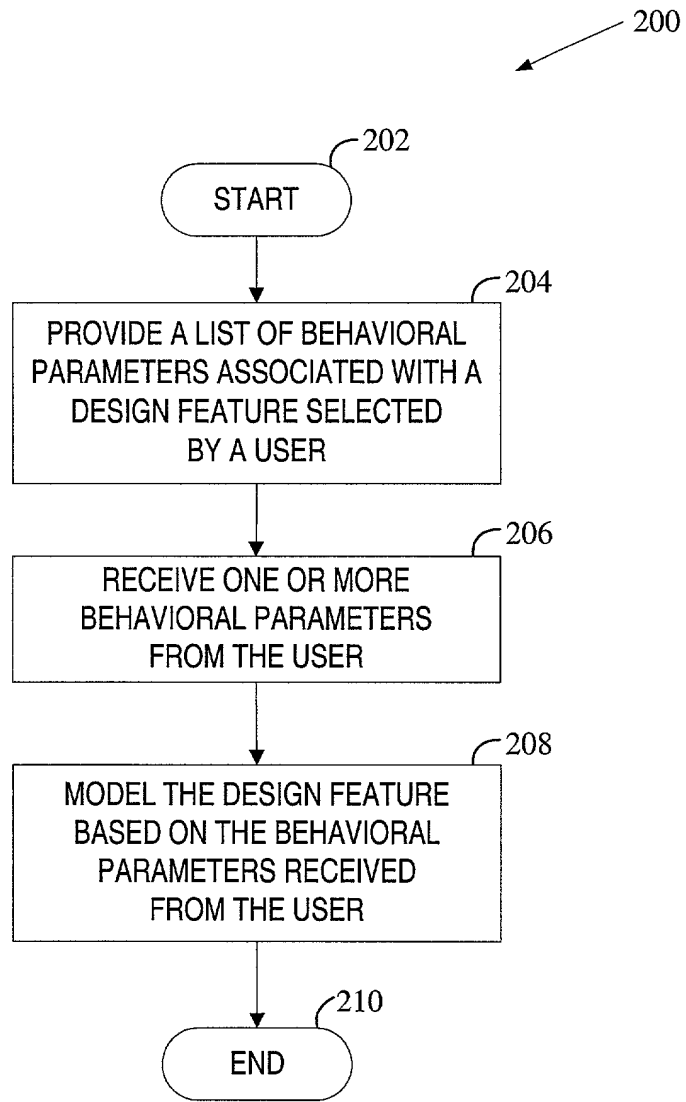
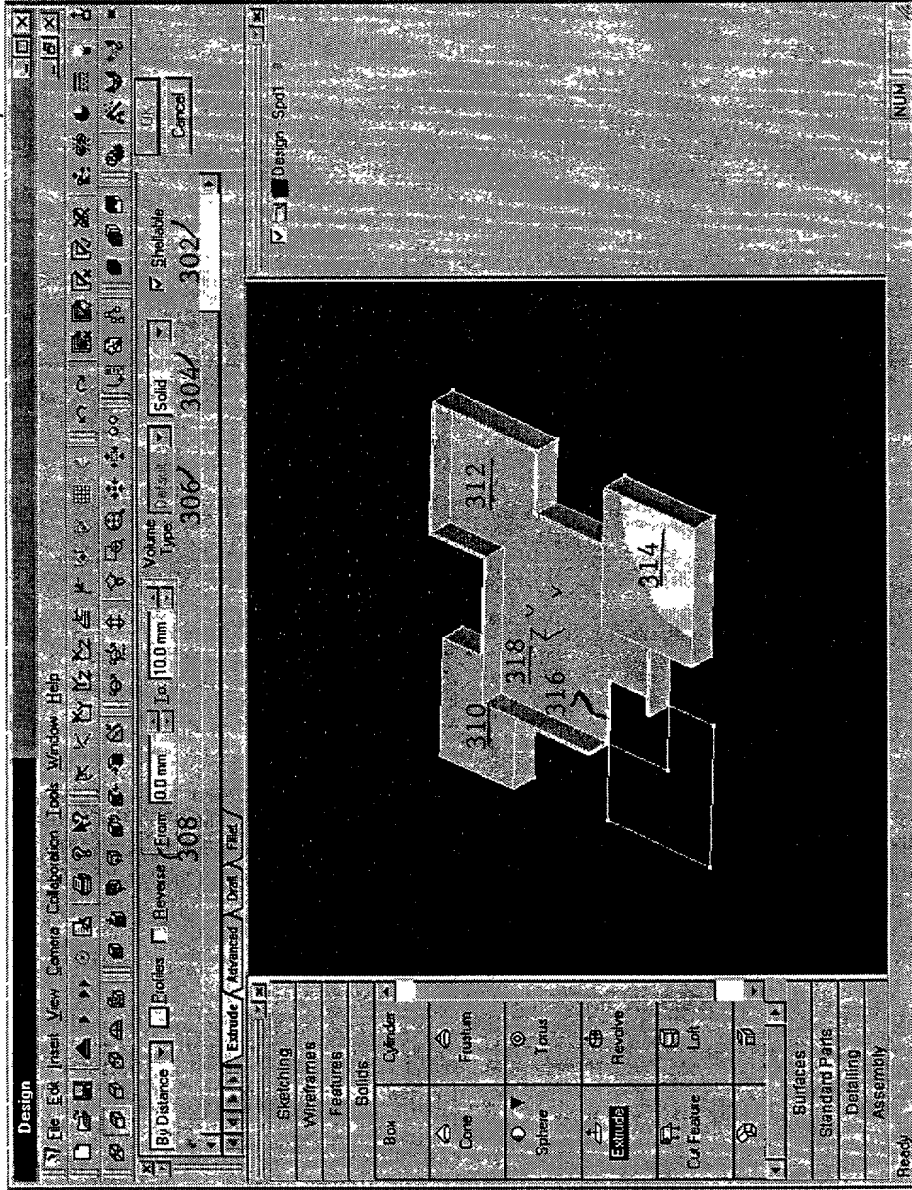


FIG. 2

300



320

FIG. 3

400



408

FIGURE 4

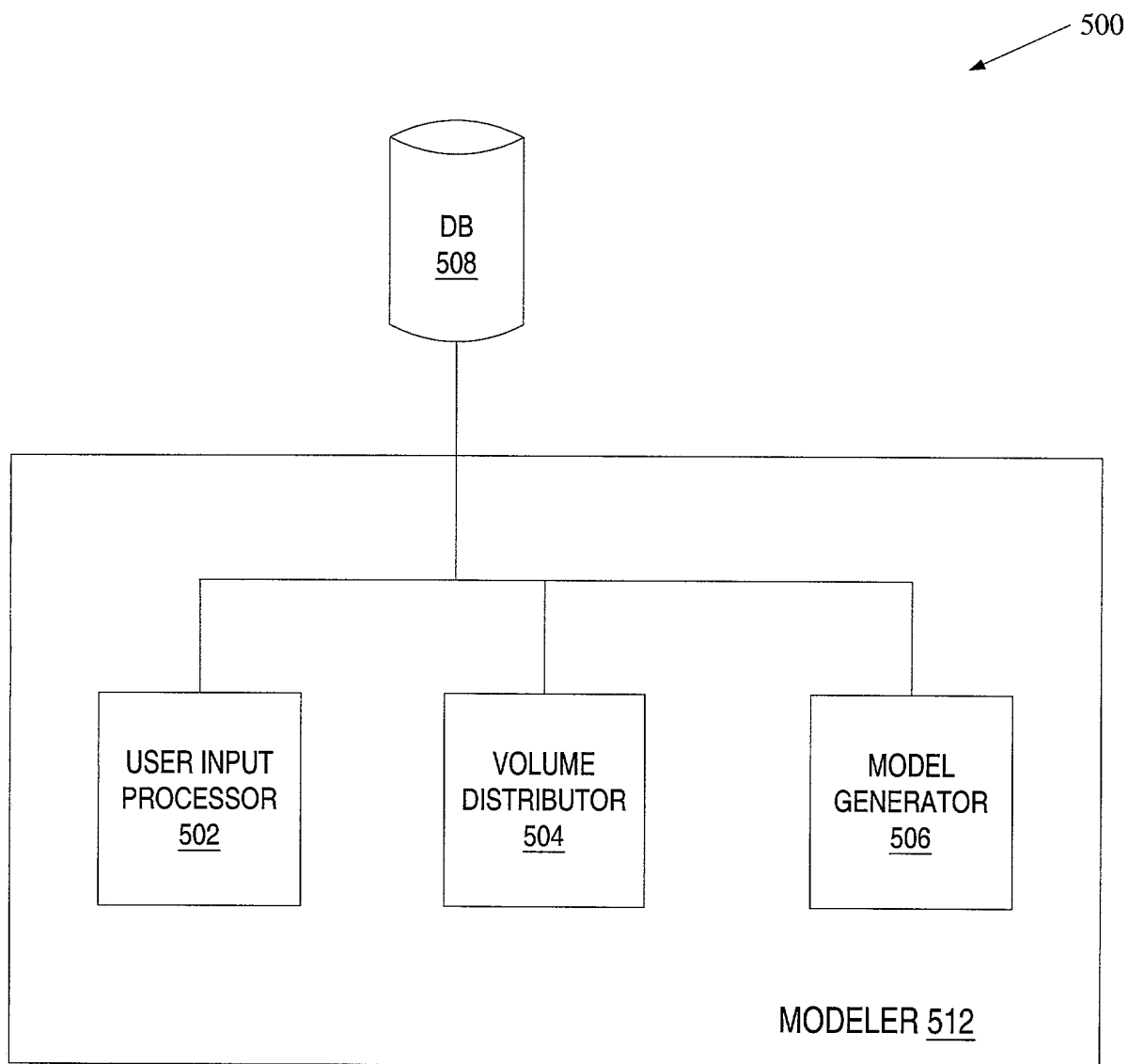


FIG. 5

Figure 1 consists of 12 sub-graphs (a-l) showing the time course of various physiological parameters during a 10-minute period. The parameters are: (a) HR (b/min), (b) SV (ml), (c) CO (l/min), (d) MAP (mmHg), (e) PVR (mmHg), (f) SVR (mmHg), (g) PPA (mmHg), (h) PVP (mmHg), (i) PVP/PPA, (j) PVP/PPA, (k) PVP/PPA, and (l) PVP/PPA. Each graph shows data for three conditions: Control (solid line), 100% O<sub>2</sub> (dashed line), and 100% N<sub>2</sub> (dotted line). The x-axis for all graphs is time in minutes, ranging from 0 to 10. The y-axis scales vary for each parameter.

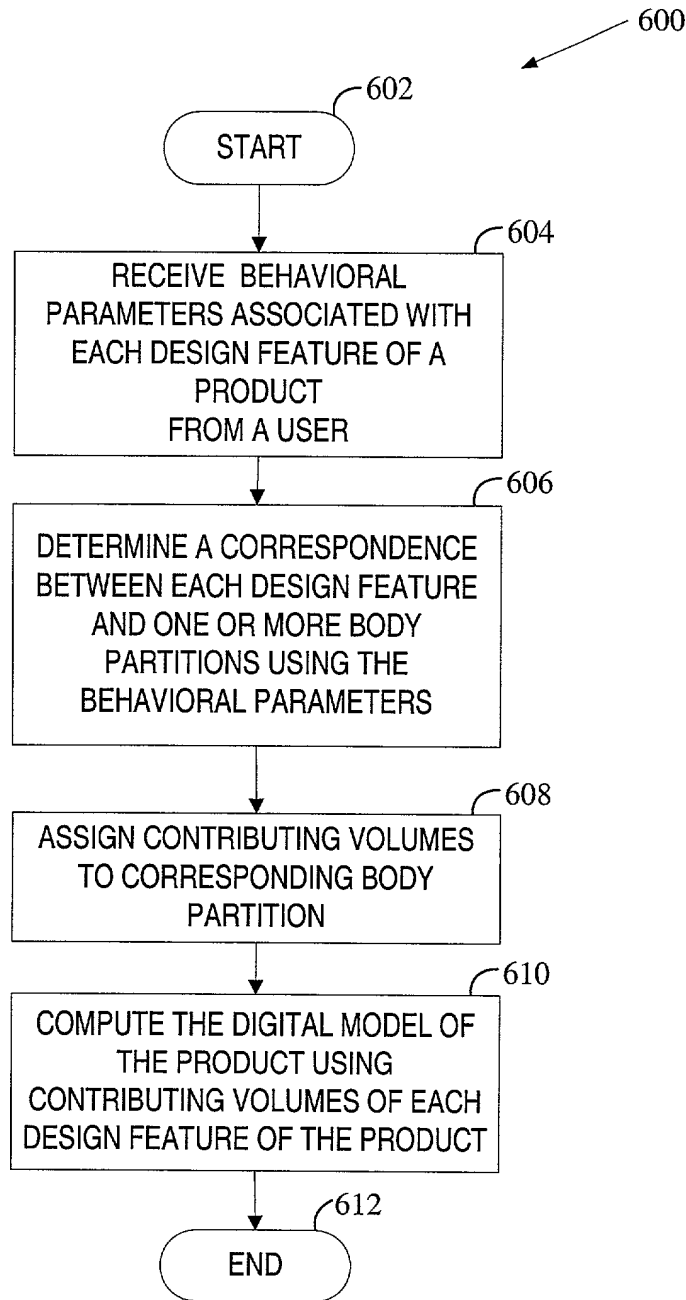


FIG. 6

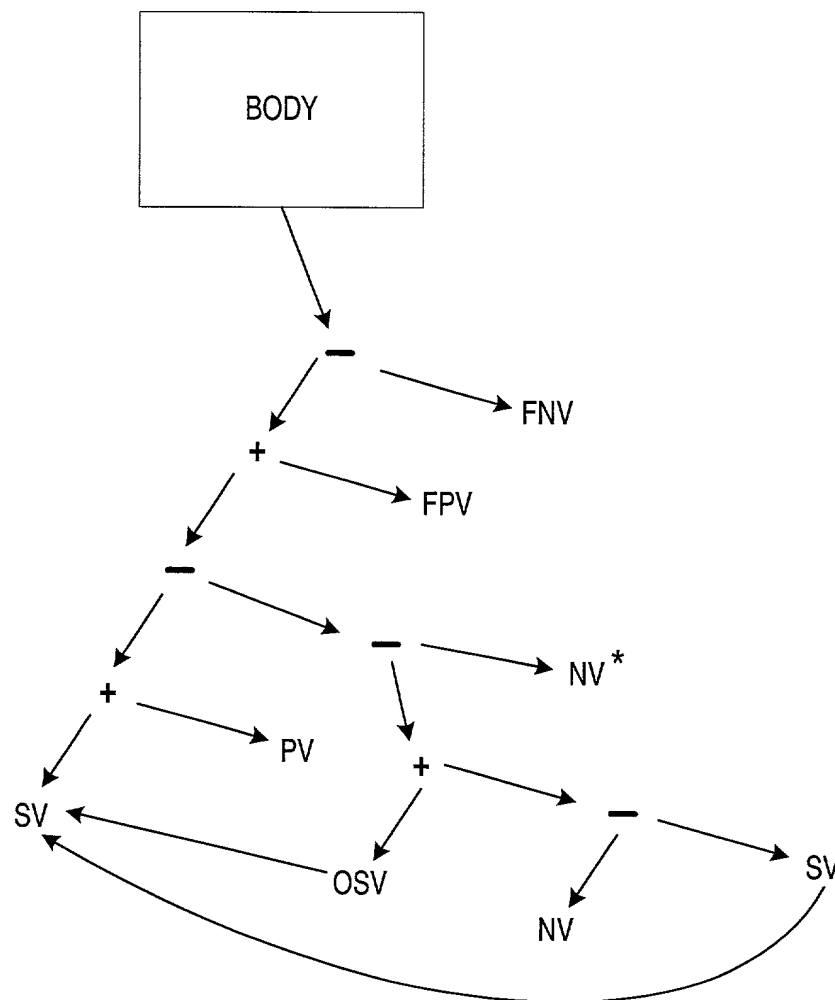


FIG. 7

SWEEP PRIMITIVES (SHELLABLE)

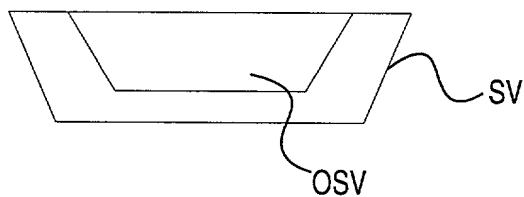


FIG. 8a

CUTOUT WITHOUT THICKNESS

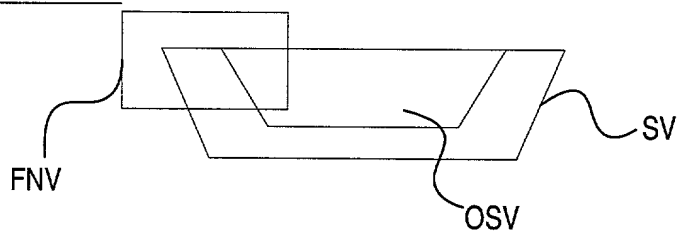


FIG. 8b

CUTOUT WITH THICKNESS

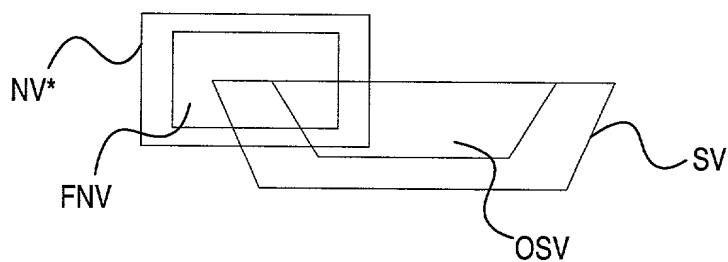


FIG. 8c



RIB

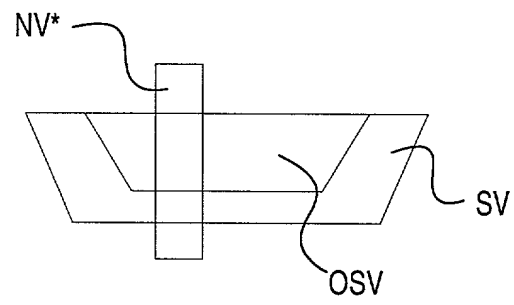


FIG. 8d

BOSS

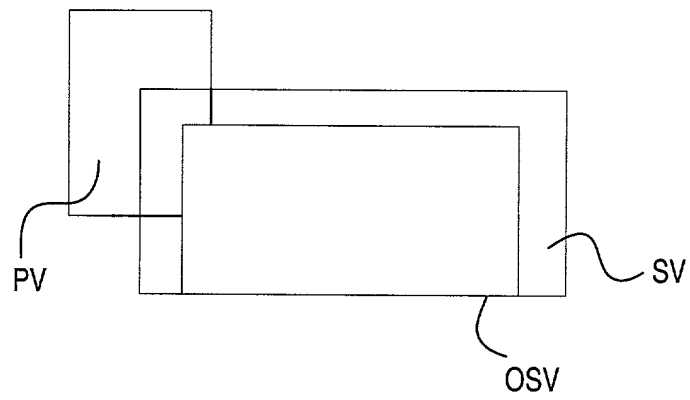


FIG. 8e

BOSS WITH THICKNESS

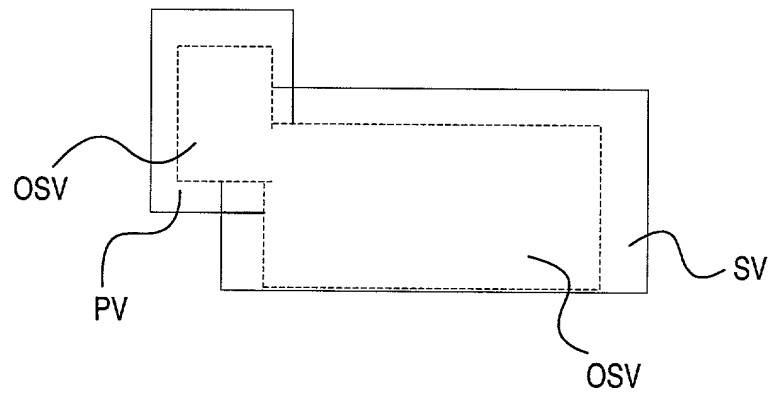


FIG. 8f

POCKET "PROTECTED" (i.e., NO VOLUME INSIDE IS ALLOWED)

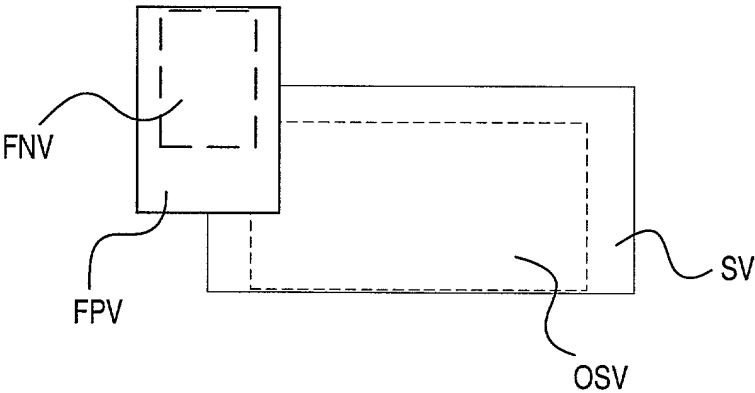


FIG. 8g

POCKET "NOT PROTECTED" (i.e., INSIDE VOLUMES ARE ALLOWED)

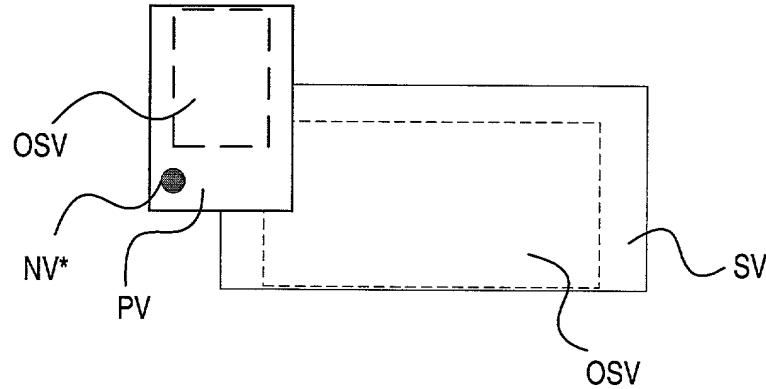


FIG. 8h

POCKET-KEEP SURFACE BOTTOM

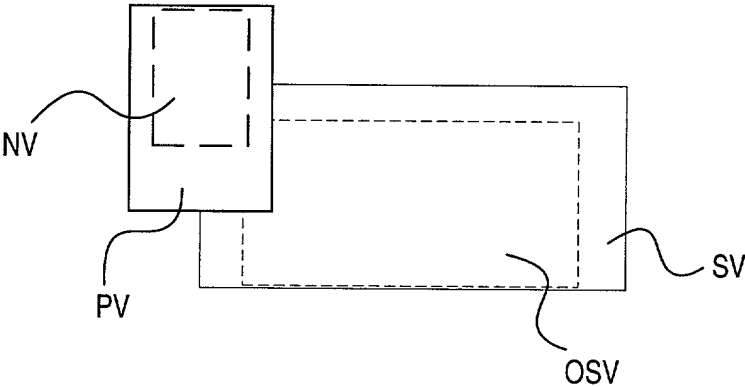


FIG. 8i

REST AREA

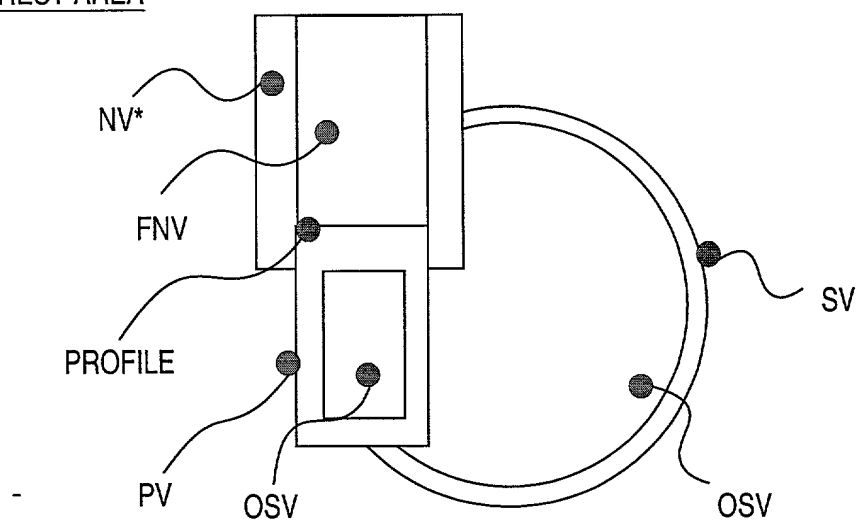


FIG. 8j

FITTING

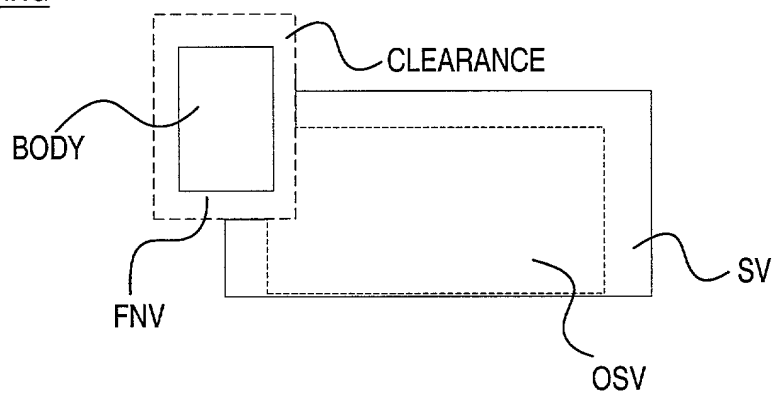


FIG. 8k

PUSH

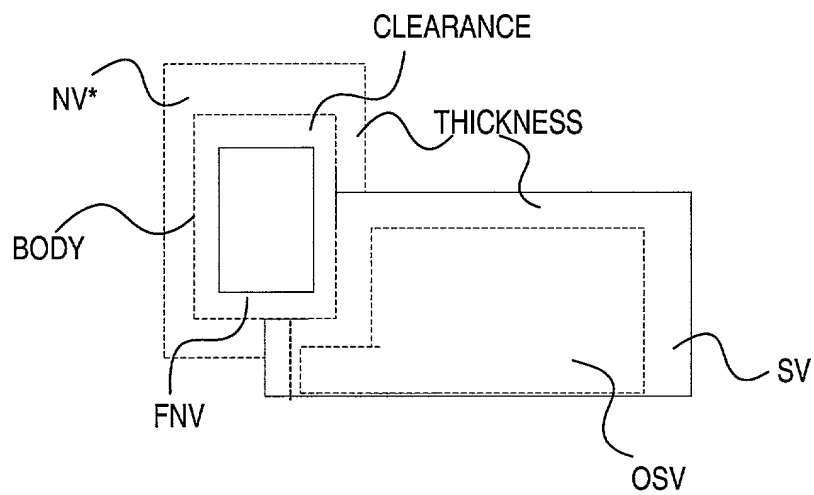


FIG. 8l

PULL

PV = OFFSET OF THE FITTING BODY

CLEARANCE

FNV = OFFSET WITH CLEARANCE OF  
THE FITTING BODY

THICKNESS

OSV

SV

FIG. 8m

REINFORCEMENT

PV

OSV

SV

OSV

FIG. 8n

20230404 045400

JOIN

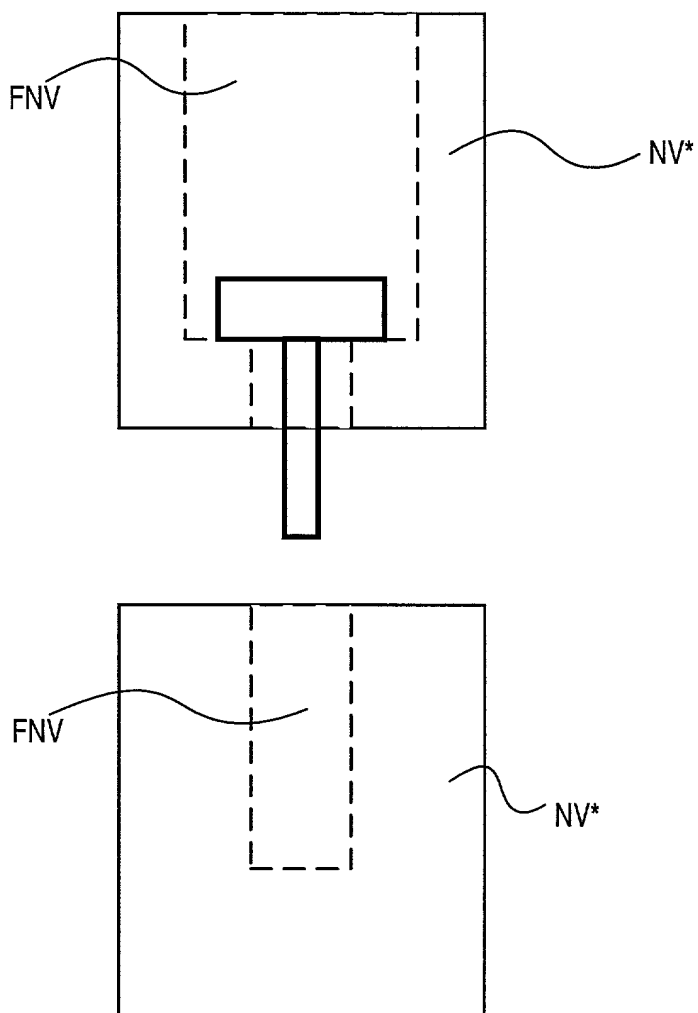


FIG. 80

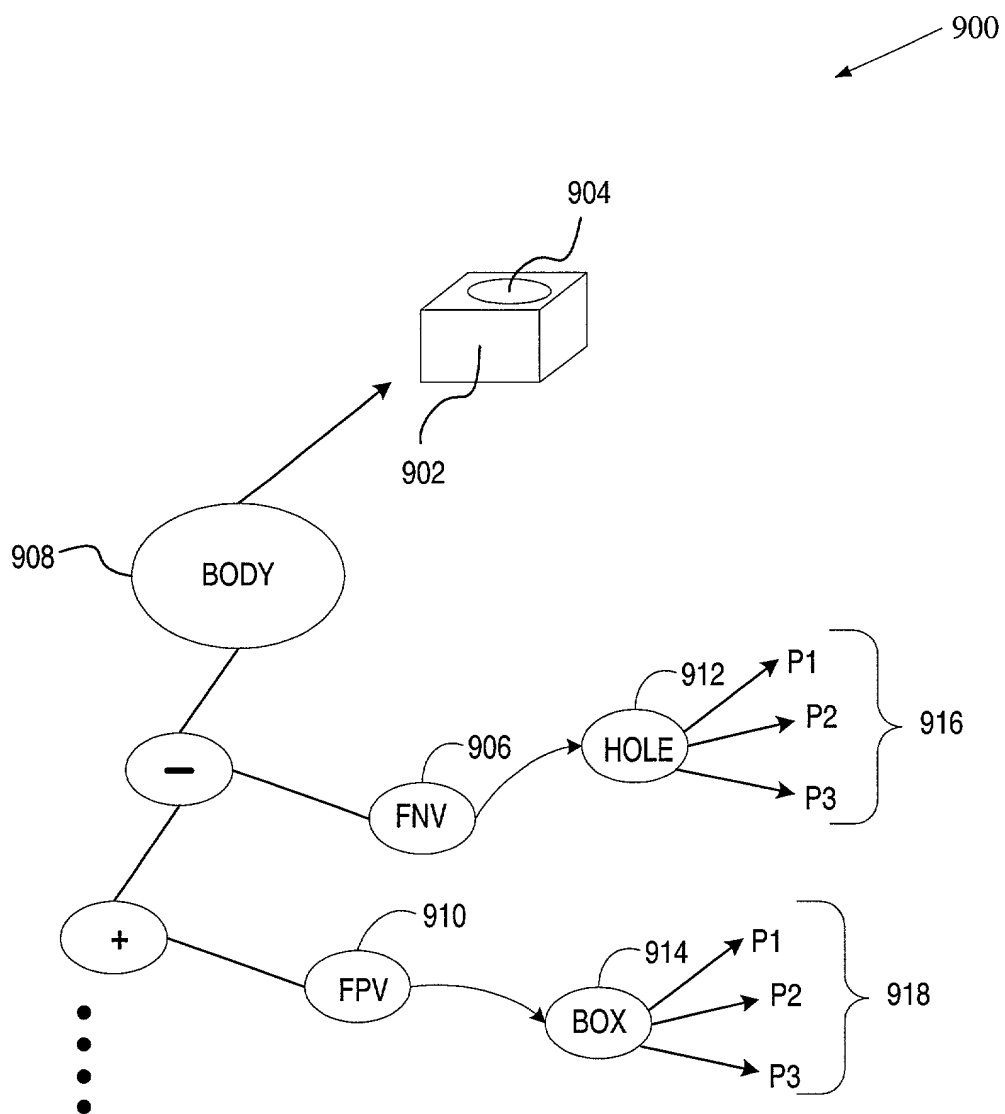


FIG. 9

1000

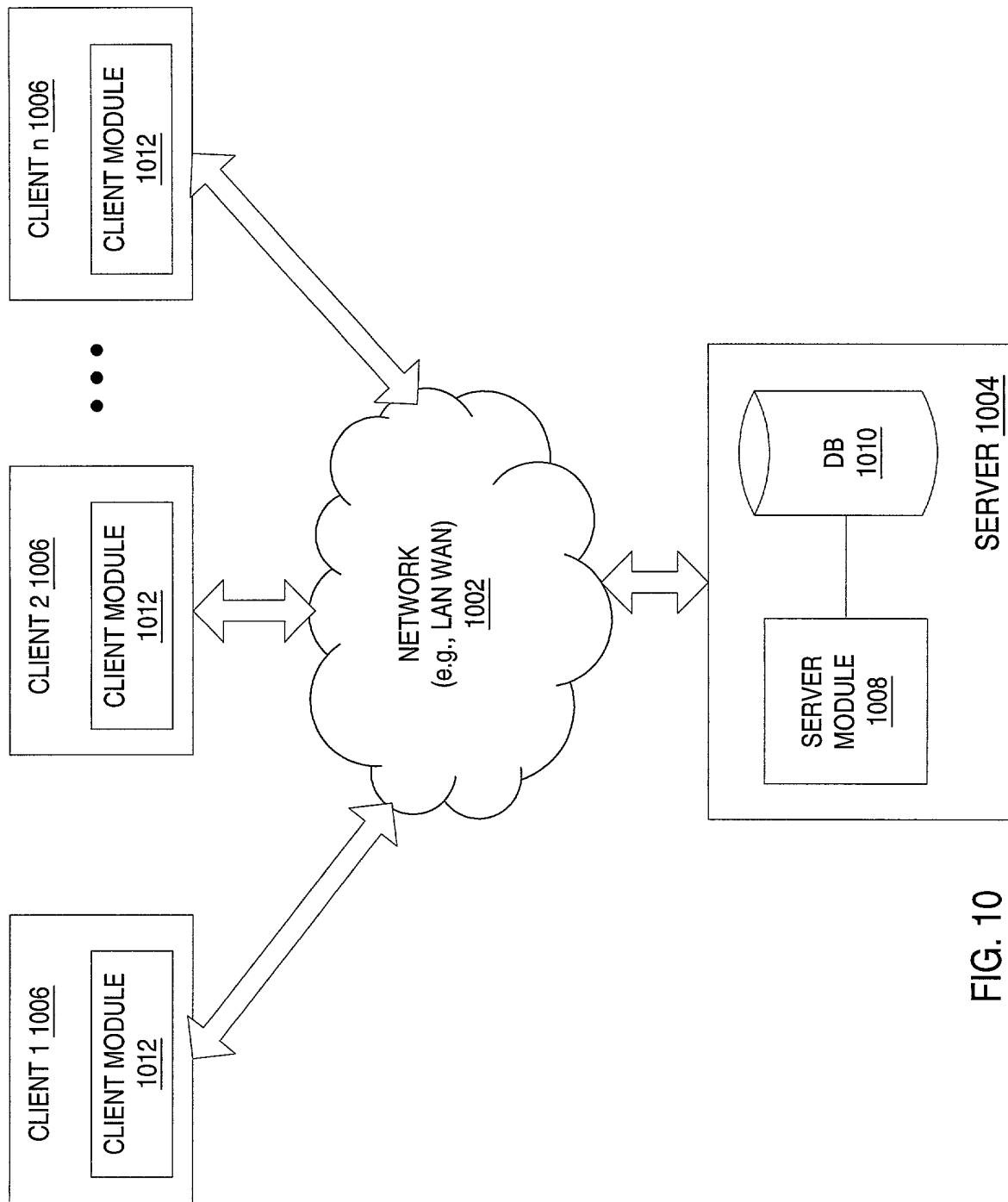


FIG. 10

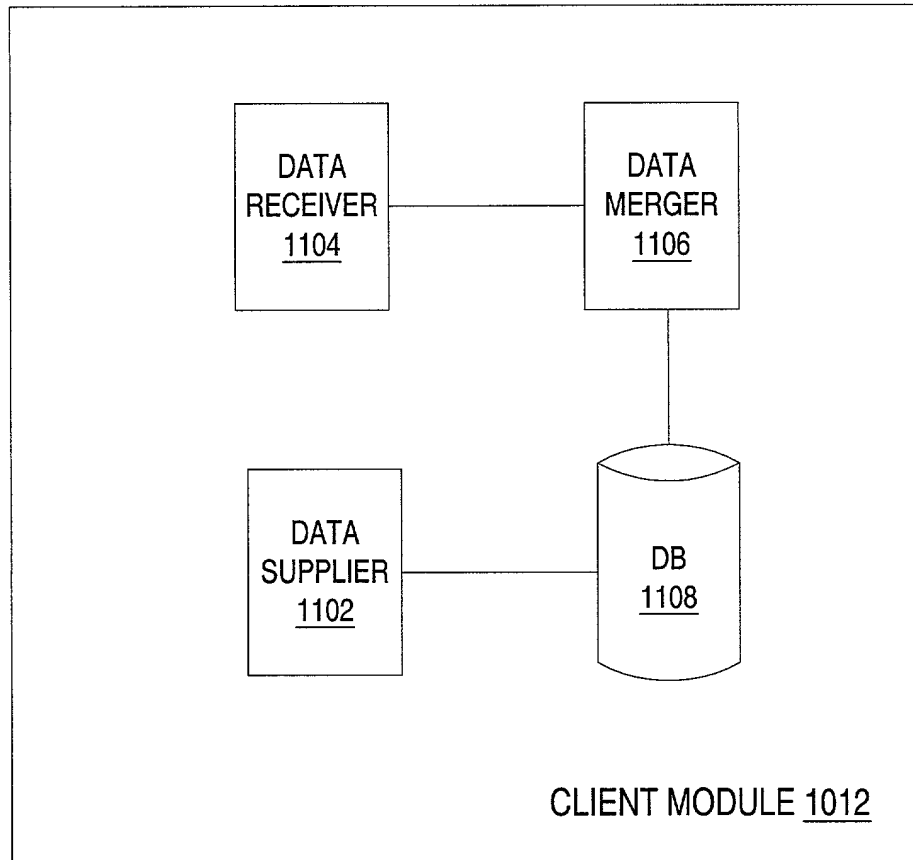
[illegible]

FIG. 11



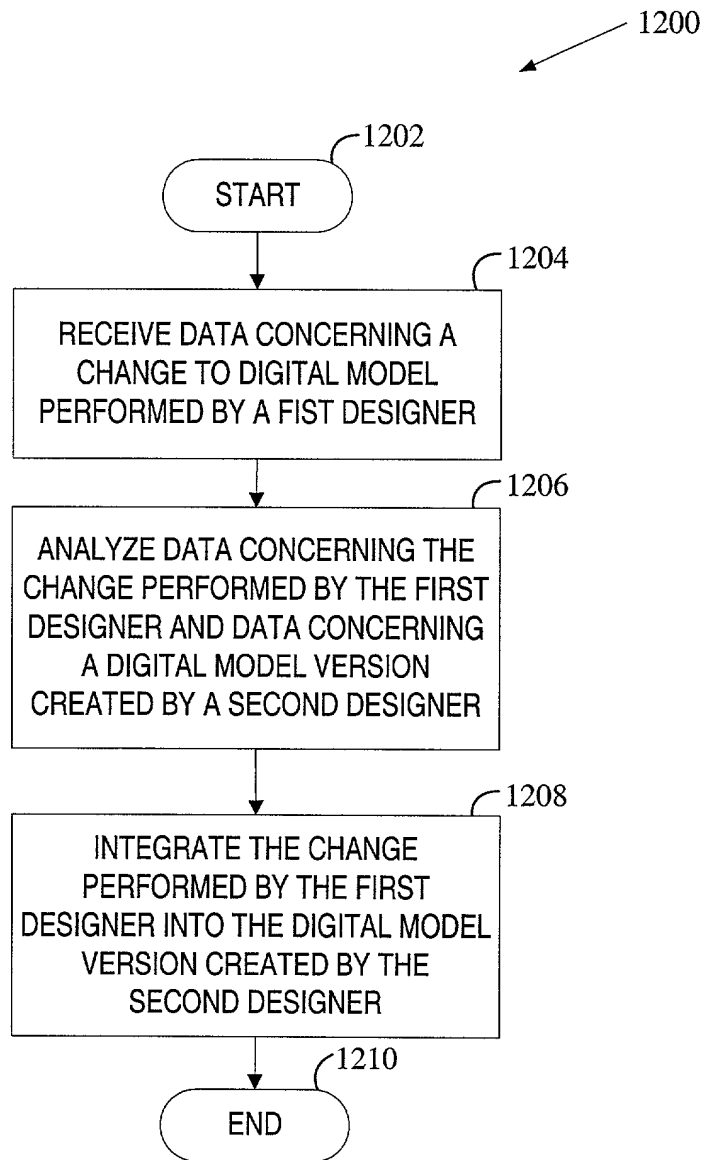


FIG. 12

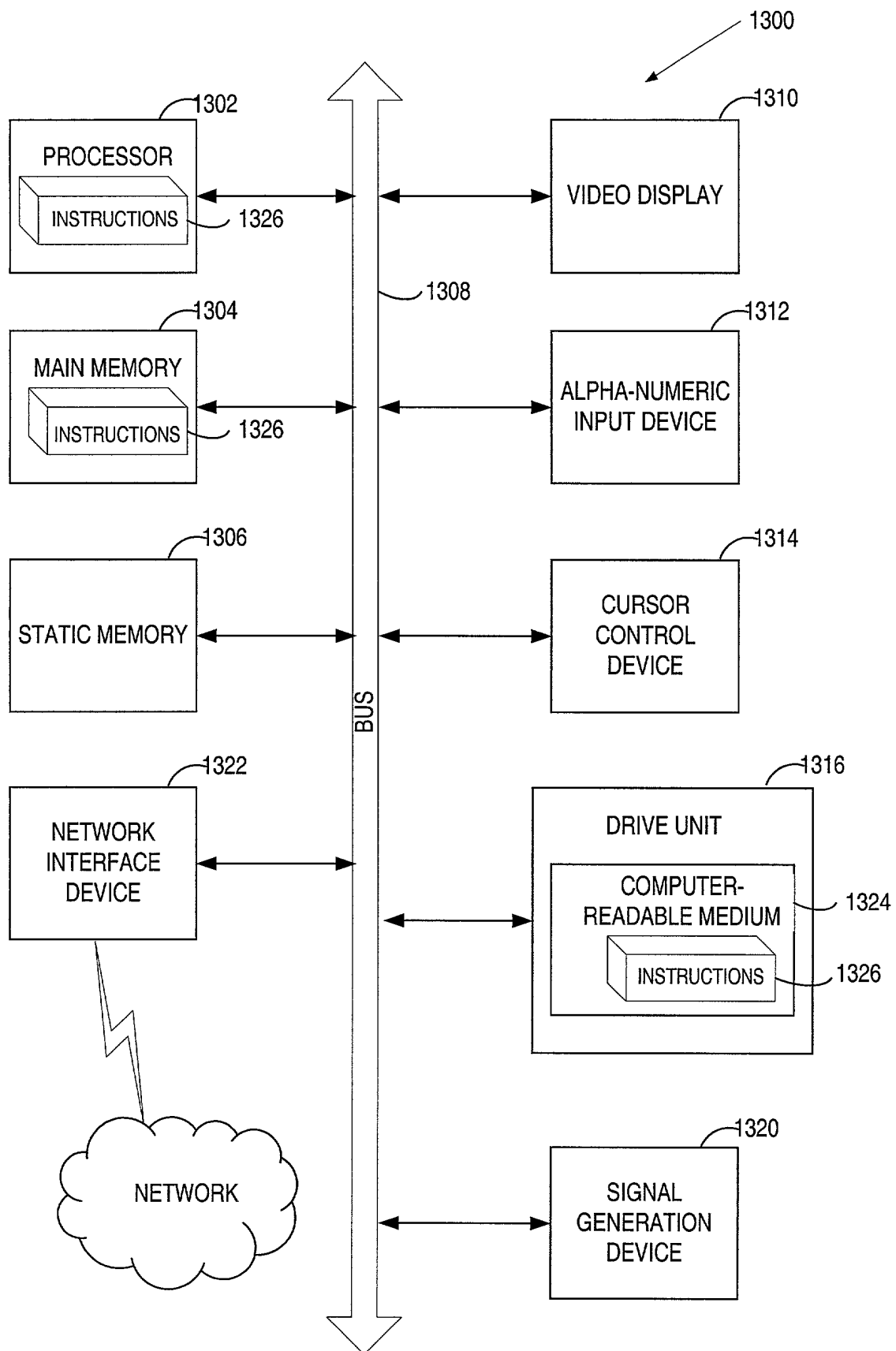


FIG. 13